

JC03 Rec'd PCT/PTO 1 1 APR 2005

PCT



CAF-33302/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: John Irvine et al

Serial No.: 10/523,093

I.A. Filing Date: July 31, 2003

Group Art Unit:

For: PEROVSKITE-BASED FUEL CELL ELECTRODE AND MEMBRANE

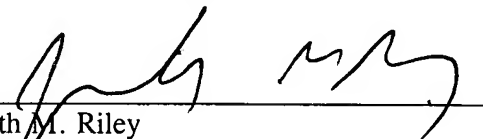
TRANSMITTAL OF PTO-1449 – PRIOR
ART CITED IN INTERNATIONAL SEARCH REPORT

Assistant Commissioner for Patents
P.O. Box 1450
Arlington, VA 22313-1450

Dear Sir:

In accordance with the provision of 37 CFR 1.97 and 1.98, a list of prior art cited in the International Search Report is being submitted herewith on Form PTO-1449. All of the references have been cited in the Search Report and are being submitted on Form PTO-1449 for the purpose of listing the prior art on the front of the printed patent. Pursuant to the Notice of Acceptance of Application Under 35 U.S.C. 371 and 37 CFR 1.494 or 1.495, copies of all of the references have been provided to the U.S. Patent Office for the Examiner's consideration.

Respectfully submitted,



Judith M. Riley
Registration No. 31,561
Gifford, Krass, Groh, Sprinkle,
Anderson & Citkowski, P.C.
280 N. Old Woodward Ave., Ste. 400
Birmingham, MI 48009-5394
(248) 647-6000

Dated: 4/7/05
/gv

CERTIFICATE OF MAILING UNDER 37 CFR 1.8(a)

I hereby certify that this correspondence and its attachments are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, P.O. Box 1450, Arlington, VA 22313-1450 on

4-7-05


Sharon Kaiser

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) <div style="border: 2px solid black; border-radius: 50%; width: 100px; height: 100px; margin: 10px auto; display: flex; align-items: center; justify-content: center;"> <div style="text-align: center;"> 85 APR 11 2005 <small>U.S. PATENT & TRADEMARK OFFICE</small> </div> </div>				ATTY DOCKET NO. CAF-33302/03		APPLICATION NO. 10/523,093		
				APPLICANT(S) John Irvine et al.				
				FILING DATE 2/1/2005		GROUP ART UNIT		
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		5,686,198	11/11/1997	KUO	429	30		
U.S. PATENT APPLICATION PUBLICATIONS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		02236959	09/19/1990	JP				
		01200560	08/11/1989	JP				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
		Palma, J. et al: "Perovskite-Type (LA, SR)(MN, CR) 03 Compounds as Candidates for SOFC Cathodes" Proceedings of the International Symposium on Solid Oxide Fuel Cells, Athens, July 2-5 1991, Luxemburg, EEC, LU, vol. SYMP. 2, 2 July 1991 (1991-07-02), pages 537-544, XP000546146						
		Rasit Koc et al.: "Structural, Sintering and Electrical Properties of the Perovskite-Type (LA,SR) (CR,MN)03" Extended Abstracts, Fall Meeting, Hollywood, Electrochemical Society, vol. 89/2 (1989), P. 799, XP000276907						
EXAMINER				DATE CONSIDERED				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. CAF-33302/03		APPLICATION NO. 10/523,093	
				John Irvine et al.			
				FILING 2/1/2005		GROUP ART	

RPF
 APR 11 2005

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>			
			Mori Masashi et al: "Control of the Thermal Expansion of Strontium-doped lanthanum chromite perovskites by b-site doping for high-temperature solid oxide fuel cell separators" J AM CERAM SOC; Journal of the American Ceramic Society, April 2001, vol. 84, no. 4, April 2001 (2001-04), pages 781-786, XP002263206
			Vernoux Philippe et al: "Catalytic and Electrochemical Properties of Doped Lanthanum Chromites as New Anode Materials for Solid Oxide Fuel Cells" J AM CERAM SOC; Journal of the American Ceramic Society, October 2001, vol. 84, no. 10, October 2001 (2001-10), pages 2289-2295, XP002263207

EXAMINER	DATE CONSIDERED
----------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. CAF-33302/03		APPLICATION NO. 10/523,093	
				John Irvine et al.			
				FILING 2/1/2005		GROUP ART	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>			
			Wang, Z.M. et al: "The effect of Average A-Site Cation Radius on TC in Perovskite Manganites" Journal of Magnetism and Magnetic Materials, Elsevier Science Publishers, AMsterdam, NL, vol. 234, no. 2, September 2001 (2001-09), pages 213-217, XP004300664

EXAMINER	DATE CONSIDERED
----------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.